

CLAIMS

1. Gas slab laser with a gas-filled chamber bounded by a housing (1), with at least two electrodes excited by high frequency, which extend into the tubular housing, overlap each another and form a discharge chamber, and with resonator mirrors, characterized by the fact that the resonator is adjusted by plastic deformation of the housing (1) and/or (2 and 3) to produce the required spatial alignment of the resonator mirrors relative to each other.

2. Gas slab laser with a gas-filled chamber bounded by a housing 1, with at least two electrodes excited by high frequency, which extend into the tubular housing, overlap each another and form a discharge chamber, and with resonator mirrors, characterized by the fact that the resonator is adjusted by elastic deformation of the housing (1) and/or (2 and 3) by application of a constant force to produce the required spatial alignment of the resonator mirrors relative to each other.